



1754  
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Practitioner's Docket No. MSU 4.1-553

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: Thomas J. Pinnavaia, Zhaorong Zhang and Randall Hicks

Application No.: 0 9 / 917,147 Group No.: 1754

Filed: July 27, 2001

Examiner: Anthony J. Kuhar

For: MESOSTRUCTURED TRANSITION ALUMINAS

#440  
3/11/3

Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT TRANSMITTAL**

1. Transmitted herewith is an amendment for this application.

**STATUS**

2. Applicant is

☒ a small entity. A statement:

☐ is attached.

☒ was already filed.

☐ other than a small entity.

**CERTIFICATION UNDER 37 C.F.R. §§ 1.8(a) and 1.10\***  
(When using Express Mail, the Express Mail label number is mandatory;  
Express Mail certification is optional.)

I hereby certify that, on the date shown below, this correspondence is being:

**MAILING**

☒ deposited with the United States Postal Service in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231

37 C.F.R. § 1.8(a)

37 C.F.R. § 1.10 \*

☒ with sufficient postage as first class mail.

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**TRANSMISSION**

☐ facsimile transmitted to the Patent and Trademark Office, (703) \_\_\_\_\_

Tammi L. Taylor

Signature

Date: 2/24/03

Tammi L. Taylor

(type or print name of person certifying)

\* Only the date of filing (§ 1.6) will be the date used in a patent term adjustment calculation, although the date on any certificate of mailing or transmission under § 1.8 continues to be taken into account in determining timeliness. See § 1.703(f). Consider "Express Mail Post Office to Addressee" (§ 1.10) or facsimile transmission (§ 1.6(d)) for the reply to be accorded the earliest possible filing date for patent term adjustment calculations.

(Amendment Transmittal [9-19]—page 1 of 4)

**RECEIVED**

**MAR 07 2003**

**TC:1700**

03/06/2003 SSESHE1 00000078 09917147 55.00 DP  
01 FC:2251

## FEE FOR CLAIMS

4. The fee for claims (37 C.F.R. § 1.16(b)-(d)) has been calculated as shown below:

(Col. 1)		(Col. 2)	(Col. 3)	SMALL ENTITY		OTHER THAN A SMALL ENTITY		
CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NO PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE	OR	RATE	ADDIT. FEE
TOTAL	* 8	MINUS ** 26	= -0-	x\$9=	\$ -0-		x\$18=	\$
INDEP.	* 3	MINUS *** 10	= -0-	x\$42=	\$ -0-		x\$84=	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+\$140=			+\$280=	
					TOTAL ADDIT. FEE	OR	TOTAL ADDIT. FEE	
					\$0.00			\$

- \* If the entry in Col. 1 is less than entry in Col. 2, write "0" in Col. 3.
  - \*\* If the "Highest No. Previously Paid for" IN THIS SPACE is less than 20, enter "20."
  - \*\*\* If the "Highest No. Previously Paid For" IN THIS SPACE is less than 3, enter "3."
- The "Highest No. Previously Paid For" (Total or indep.) is the highest number found in the appropriate box in Col. 1 of a prior amendment or the number of claims originally filed.

**WARNING:** "After final rejection or action (§ 1.113) amendments may be made cancelling claims or complying with any requirement of form which has been made." 37 C.F.R. § 1.116(a) (emphasis added).

(complete (c) or (d), as applicable)

(c) ☒ No additional fee for claims is required.

OR

(d) ☐ Total additional fee for claims required \$ \_\_\_\_\_

### FEE PAYMENT

- ☒ Attached is a ☒ check ☐ money order in the amount of \$ 55.00
- ☐ Authorization is hereby made to charge the amount of \$ \_\_\_\_\_
- ☐ to Deposit Account No. \_\_\_\_\_
- ☐ to Credit card as shown on the attached credit card information authorization form PTO-2038.

**WARNING:** Credit card information should not be included on this form as it may become public.

- ☐ Charge any additional fees required by this paper or credit any overpayment in the manner authorized above.

A duplicate of this paper is attached.

### FEE DEFICIENCY

**NOTE:** If there is a fee deficiency and there is no authorization to charge an account, additional fees are necessary to cover the additional time consumed in making up the original deficiency. If the maximum, six-month period has expired before the deficiency is noted and corrected, the application is held abandoned. In those instances where authorization to charge is included, processing delays are encountered in returning the papers to the PTO Finance Branch in order to apply these charges prior to action on the cases. Authorization to charge the deposit account for any fee deficiency should be checked. See the Notice of April 7, 1986, (1065 O.G. 31-33).

6. ☒ If any additional extension and/or fee is required, charge Account  
No. 13-0610

### AND/OR

- ☒ If any additional fee for claims is required, charge Account  
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SIGNATURE OF PRACTITIONER

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